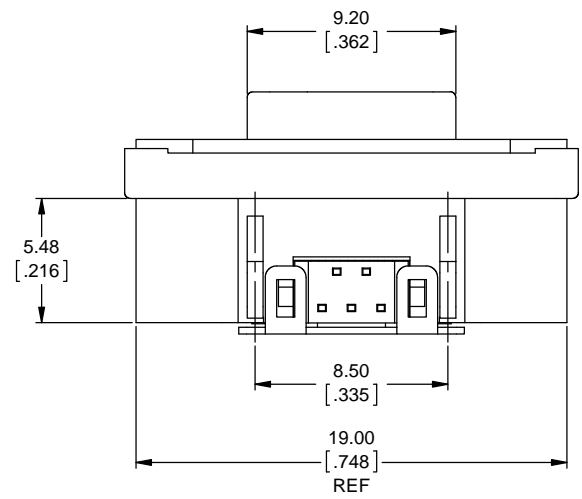
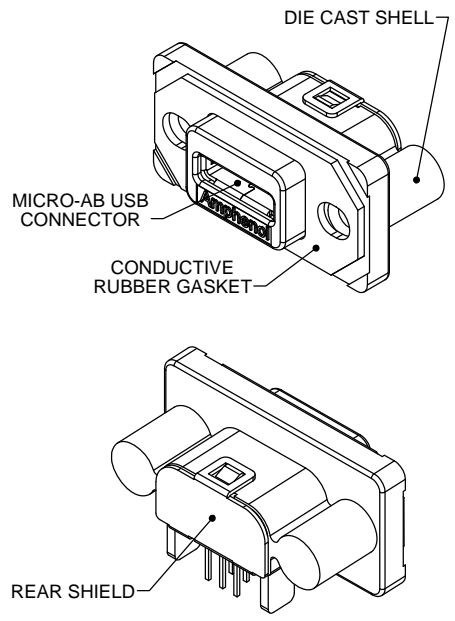
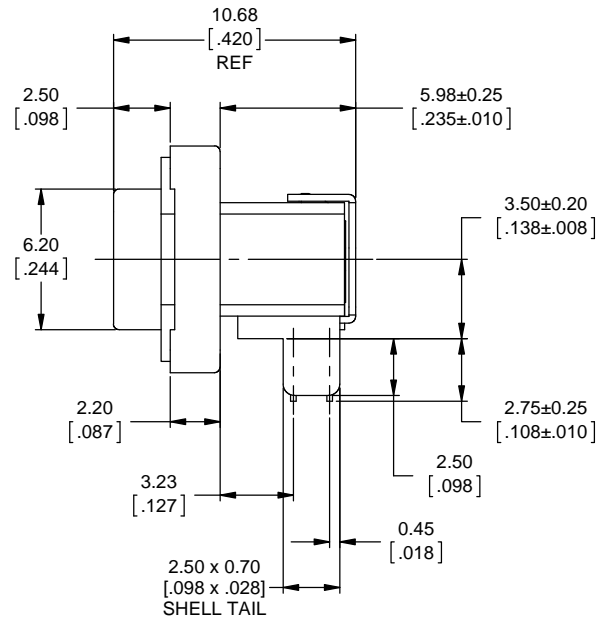
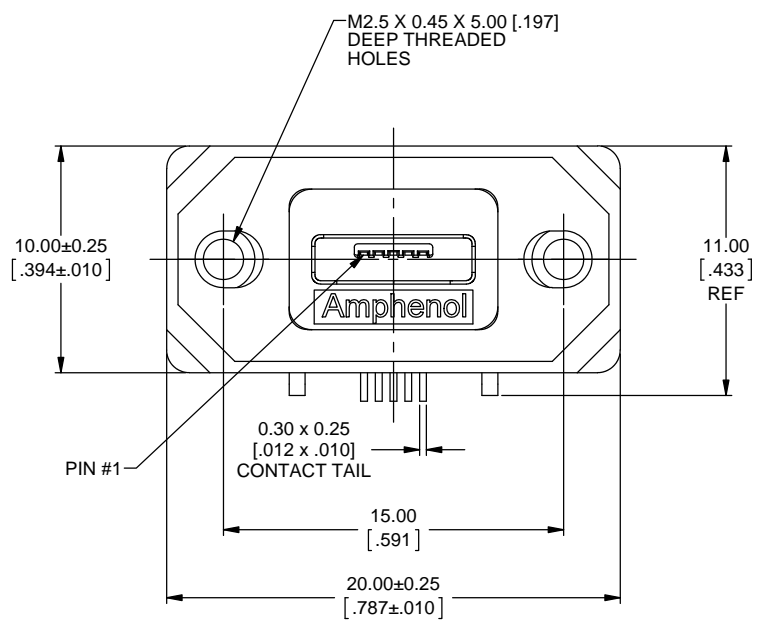


| REVISIONS | | | |
|-----------|-----------------------------|----------|-------|
| REV | DESCRIPTION, ECN, EAR NO. | DATE | APP'D |
| A | PRODUCT DRAWING (EAR 14228) | JAN16/14 | K.L. |



ORDERING CODE: MUSB-K152-M02

SERIES, RUGGED USB ———— M

USB 'MICRO-AB' RECEPTACLE, SINGLE PORT, RIGHT ANGLE PCB TAILS ———— 1

THREAD OPTION ———— M

M = M2.5 X 0.45 THREAD

DUST COVER OPTION ———— 0

0 = NO DUST COVER SUPPLIED

SPECIAL FEATURE ———— 2

2 = CONDUCTIVE RUBBER GASKET

NOTES:

- MATERIAL:**
ALL MATERIALS ARE RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EC AND AMENDMENTS
 - OUTER SHELL: DIE CAST ZINC ALLOY, NICKEL PLATED
 - CONTACTS: COPPER ALLOY, PLATED WITH 0.76µm [30µ"] GOLD OVER 1.27µm [50µ"] MINIMUM NICKEL ON THE MATING AREA WITH MATTE TIN OVER NICKEL ON THE TAILS.
 - USB HOUSING: ENGINEERING THERMOPLASTIC, FLAMMABILITY RATING UL 94 V-0, GREY.
 - USB SHELL & REAR SHIELD: STAINLESS STEEL, PASSIVATED.
 - PANEL GASKET: CONDUCTIVE SILICONE RUBBER, BLACK.
- ENVIRONMENTAL PERFORMANCE PER IEC 60529 CODE IP67 FOR SEAL BETWEEN MATING AREA AND PCB SIDE OF CONNECTOR. GASKET PROVIDES SEAL TO INSIDE FACE OF ENCLOSURE PANEL.**
- CURRENT RATING: 1 A FOR SIGNAL POSITIONS 2, 3 & 4 OR 1.8 A FOR POWER POSITIONS 1 & 5 WITH 0.5 A ON SIGNAL LINES.**
- CONTACT RESISTANCE: 30 MILLIOHMS MAXIMUM.**
- OPERATING TEMPERATURE: -40°C TO +105°C.**
- MATING AREA COVERS PROVIDE ADDED PROTECTION. CONSULT WITH AMPHENOL CANADA FOR AVAILABILITY.**



| | | | |
|----------------------------|------------------------|-----------|----------|
| UNLESS SPECIFIED OTHERWISE | DRAWN | A.ESPIE | JAN16/14 |
| PRIMARY UNITS MILLIMETERS | CHECKED | K.LAMBIE | JAN16/14 |
| SECONDARY UNITS INCHES | M.E. APP'D | | |
| REFERENCE IN PARENTHESES | Q.A. APP'D | | |
| GENERAL TOLERANCES | DWG APPR. | | |
| 1 DECIMAL PLACE | ENG. REL. NO. | EAR 14228 | |
| 2 DECIMAL PLACES ±0.15 | REF. | | |
| 3 DECIMAL PLACES | THIRD ANGLE PROJECTION | | |
| ANGULAR DEGREES | DO NOT SCALE DRAWING | | |

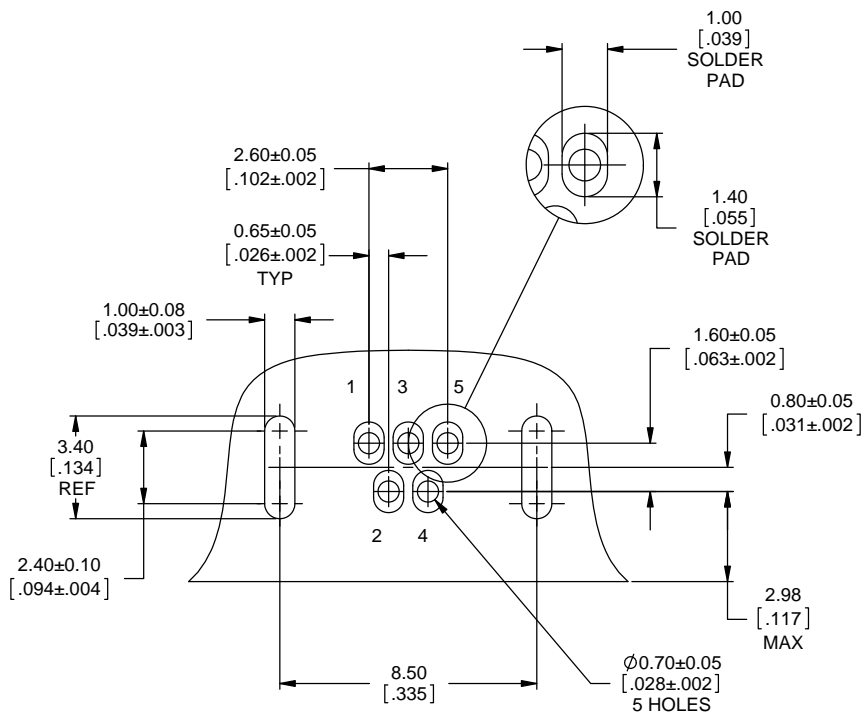
Amphenol Canada Corp.
www.amphenolcanada.com

MUSB SERIES RUGGED MICRO-AB USB RECEPTACLE, RIGHT ANGLE PCB MOUNT, CONDUCTIVE RUBBER GASKET, RoHS COMPLIANT

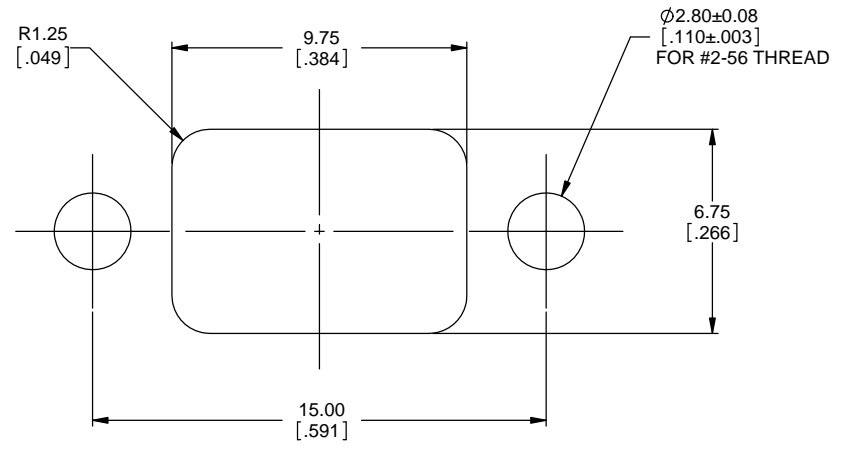
DWG. NO. **P-MUSB-K152-M02** REV **A**

CODE ID NO. 03554 DWG SIZE: X SCALE: 6:1 SHEET 1 OF 2

| REVISIONS | | | |
|-----------|-----------------------------|----------|-------|
| REV | DESCRIPTION, ECN, EAR NO. | DATE | APP'D |
| A | PRODUCT DRAWING (EAR 14228) | JAN16/14 | K.L. |



RECOMMENDED P.C.B. LAYOUT
COMPONENT SIDE OF BOARD



RECOMMENDED PANEL CUTOUT



| | | | |
|----------------------------|------------------------|-----------|----------|
| UNLESS SPECIFIED OTHERWISE | DRAWN | A.ESPIE | JAN16/14 |
| PRIMARY UNITS MILLIMETERS | CHECKED | K.LAMBIE | JAN16/14 |
| SECONDARY INCHES | M.E. APP'D | | |
| REFERENCE IN PARENTHESES | Q.A. APP'D | | |
| GENERAL TOLERANCES | DWG APPR. | | |
| 1 DECIMAL PLACE | ENG. REL. NO. | EAR 14228 | |
| 2 DECIMAL PLACES ±0.15 | REF. | | |
| 3 DECIMAL PLACES | THIRD ANGLE PROJECTION | | |
| ANGULAR DEGREES | DO NOT SCALE DRAWING | | |

Amphenol Canada Corp.
www.amphenolcanada.com

MUSB SERIES RUGGED MICRO-AB USB RECEPTACLE, RIGHT ANGLE PCB MOUNT, CONDUCTIVE RUBBER GASKET, RoHS COMPLIANT

DWG. NO. **P-MUSB-K152-M02** REV **A**

CODE ID NO. 03554 DWG SIZE: X SCALE: 6:1 SHEET 2 OF 2